

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d his

(FILE 'HOME' ENTERED AT 09:57:46 ON 13 MAY 2005)

FILE 'REGISTRY' ENTERED AT 09:58:02 ON 13 MAY 2005

L1 SCREEN 970 AND 2067  
L2 STRUCTURE UPLOADED  
L3 QUE L2 AND L1  
L4 50 S L3 SSS SAM  
L5 SCREEN 2067  
L6 STRUCTURE UPLOADED  
L7 QUE L6 AND L5  
L8 6 S L7 SSS SAM  
L9 5 S L8 AND L4

FILE 'HCAPLUS, CAPLUS, USPATFULL' ENTERED AT 09:59:14 ON 13 MAY 2005

L10 3 S L9  
L11 1 DUPLICATE REMOVE L10 (2 DUPLICATES REMOVED)

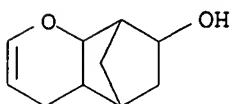
FILE 'REGISTRY' ENTERED AT 09:59:45 ON 13 MAY 2005

=> d 19 1-5

L9 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 749910-13-2 REGISTRY  
ED Entered STN: . 23 Sep 2004  
CN 5,8-Methano-4H-1-benzopyran-7-carboxylic acid, 4a,5,6,7,8,8a-hexahydro-,  
1,1-dimethylethyl ester, polymer with 3,4-dihydro-2H-pyran,  
4a,5,6,7,8,8a-hexahydro-5,8-methano-4H-1-benzopyran-7-ol and  
2-(trifluoromethyl)-2-propenoic acid (9CI) (CA INDEX NAME)  
MF (C15 H22 O3 . C10 H14 O2 . C5 H8 O . C4 H3 F3 O2)x  
CI PMS  
PCT Polyacrylic, Polyester, Polyester formed, Polyother, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

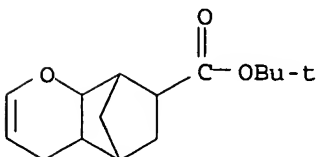
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CRN 474095-84-6  
CMF C10 H14 O2



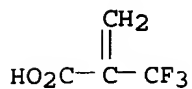
CM 2

CRN 474095-75-5  
CMF C15 H22 O3



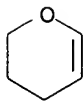
CM 3

CRN 381-98-6  
CMF C4 H3 F3 O2



CM 4

CRN 110-87-2  
CMF C5 H8 O



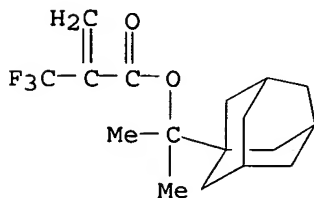
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 749909-94-2 REGISTRY  
ED Entered STN: 23 Sep 2004  
CN 2-Propenoic acid, 2-(trifluoromethyl)-, 1-methyl-1-tricyclo[3.3.1.1<sup>3,7</sup>]dec-1-ylethyl ester, polymer with 3,4-dihydro-2H-pyran and 4a,5,6,7,8,8a-hexahydro- $\alpha,\alpha$ -bis(trifluoromethyl)-5,8-methano-4H-1-benzopyran-7-ethanol (9CI) (CA INDEX NAME)  
MF (C17 H23 F3 O2 . C14 H16 F6 O2 . C5 H8 O)x  
CI PMS  
PCT Polyacrylic, Polyether, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

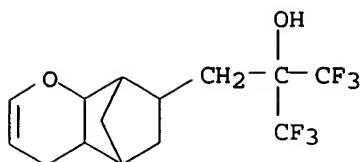
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CM 2

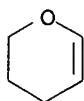
CRN 474095-92-6  
CMF C14 H16 F6 O2



CM 3

CRN 110-87-2

CMF C5 H8 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

RN 749909-71-5 REGISTRY

ED Entered STN: 23 Sep 2004

CN 5,8-Methano-4H-1-benzopyran-7-carboxylic acid, 4a,5,6,7,8,8a-hexahydro-,  
1,1-dimethylethyl ester, polymer with 4a,5,6,7,8,8a-hexahydro-  
 $\alpha,\alpha$ -bis(trifluoromethyl)-5,8-methano-4H-1-benzopyran-7-ethanol  
and 2-(trifluoromethyl)-2-propenoic acid (9CI) (CA INDEX NAME)

MF (C15 H22 O3 . C14 H16 F6 O2 . C4 H3 F3 O2)x

CI PMS

PCT Polyacrylic, Polyester, Polyester formed, Polyother, Polyvinyl

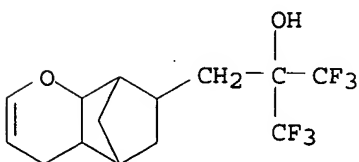
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

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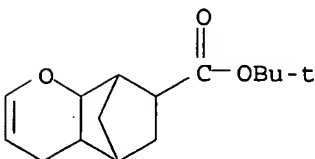
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CM 2

CRN 474095-75-5

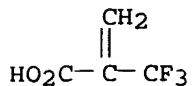
CMF C15 H22 O3



CM 3

CRN 381-98-6

CMF C4 H3 F3 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN

RN 749909-56-6 REGISTRY

ED Entered STN: 23 Sep 2004

CN 5,8-Methano-4H-1-benzopyran-7-carboxylic acid, 4a,5,6,7,8,8a-hexahydro-,  
1,1-dimethylethyl ester, polymer with 4a,5,6,7,8,8a-hexahydro-5,8-methano-  
4H-1-benzopyran-6,7-diol and methyl 2-(trifluoromethyl)-2-propenoate (9CI)  
(CA INDEX NAME)

MF (C15 H22 O3 . C10 H14 O3 . C5 H5 F3 O2)x

CI PMS

PCT Polyacrylic, Polyether, Polyvinyl

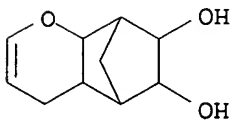
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 474095-88-0

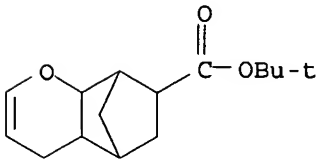
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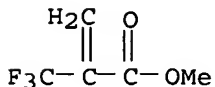
CMF C15 H22 O3



CM 3

CRN 382-90-1

CMF C5 H5 F3 O2



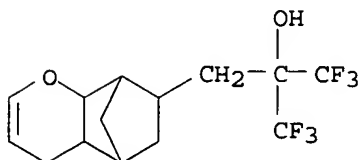
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 749909-24-8 REGISTRY  
ED Entered STN: 23 Sep 2004  
CN 2-Propenoic acid, 2-(trifluoromethyl)-, methyl ester, polymer with  
4a,5,6,7,8,8a-hexahydro- $\alpha,\alpha$ -bis(trifluoromethyl)-5,8-methano-  
4H-1-benzopyran-7-ethanol (9CI) (CA INDEX NAME)  
MF (C14 H16 F6 O2 . C5 H5 F3 O2)x  
CI PMS  
PCT Polyacrylic, Polyether, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

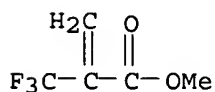
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CRN 474095-92-6  
CMF C14 H16 F6 O2



CM 2

CRN 382-90-1  
CMF C5 H5 F3 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L12 1 474095-75-5  
(474095-75-5/RN)

=> s 474095-75-5/crn  
L13 24 474095-75-5/CRN

=> FIL HCAPLUS, CAPLUS, USPATFULL  
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
10.49	21.19

FILE 'HCAPLUS' ENTERED AT 10:01:32 ON 13 MAY 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE 'CAPLUS' ENTERED AT 10:01:32 ON 13 MAY 2005  
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FILE 'USPATFULL' ENTERED AT 10:01:32 ON 13 MAY 2005  
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l13  
L14 6 L13

=> duplicates remove l14  
DUPLICATE PREFERENCE IS 'HCAPLUS, CAPLUS, USPATFULL'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L14  
L15 2 DUPLICATE REMOVE L14 (4 DUPLICATES REMOVED)

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L15 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1  
ACCESSION NUMBER: 2004:722793 HCAPLUS  
DOCUMENT NUMBER: 141:251432  
TITLE: Ether monomers and polymers having multi-ring  
structures for photosensitive polymers and resist  
compositions  
INVENTOR(S): Kim, Hyun-woo; Woo, Sang-gyun  
PATENT ASSIGNEE(S): S. Korea  
SOURCE: U.S. Pat. Appl. Publ., 39 pp., Cont.-in-part of U.S.  
Ser. No. 132,804.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

*Parent*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004170919	A1	20040902	US 2004-799025	20040312
US 2002160303	A1	20021031	US 2002-132804	20020424
US 6713228	B2	20040330		
PRIORITY APPLN. INFO.:			US 2002-132804	A2 20020424
			KR 2003-85830	A 20031128
			KR 2001-22356	A 20010425

L15 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2  
ACCESSION NUMBER: 2002:833365 HCAPLUS  
DOCUMENT NUMBER: 137:343895  
TITLE: Ether monomers and polymers having multi-ring  
structures, and photosensitive polymers and resist  
compositions obtained from the same  
INVENTOR(S): Kim, Hyun-Woo; Woo, Sang-Gyun; Lee, Sung-Ho  
PATENT ASSIGNEE(S): Samsung Electronics Co., Ltd., S. Korea  
SOURCE: U.S. Pat. Appl. Publ., 20 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

*Parent*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002160303	A1	20021031	US 2002-132804	20020424
US 6713228	B2	20040330		
KR 2002082649	A	20021031	KR 2001-22356	20010425
TW 589512	B	20040601	TW 2002-91108303	20020423
JP 2002348325	A2	20021204	JP 2002-124336	20020425
DE 10218512	A1	20030109	DE 2002-10218512	20020425
US 2004170919	A1	20040902	US 2004-799025	20040312

PRIORITY APPLN. INFO.:

KR 2001-22356

A 20010425

US 2002-132804

A2 20020424

KR 2003-85830

A 20031128

OTHER SOURCE(S):

MARPAT 137:343895

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 474095-75-5 REGISTRY

CN 5,8-Methano-4H-1-benzopyran-7-carboxylic acid, 4a,5,6,7,8,8a-hexahydro-,  
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



=> screen 2067

L5 SCREEN CREATED

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L6 STRUCTURE UPLOADED

=> que L6 AND L5

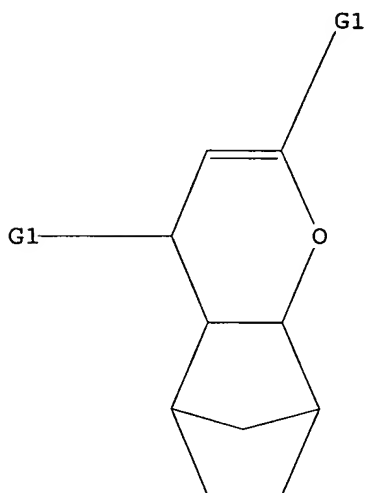
L7 QUE L6 AND L5

=> d

L7 HAS NO ANSWERS

L5 SCR 2067

L6 STR



G1 H, Me

Structure attributes must be viewed using STN Express query preparation.

L7 QUE ABB=ON PLU=ON L6 AND L5

=> s l7 sss sam

SAMPLE SEARCH INITIATED 09:58:54 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 213 TO ITERATE

100.0% PROCESSED 213 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3385 TO 5135

PROJECTED ANSWERS: 6 TO 266

L8 6 SEA SSS SAM L6 AND L5

=> d

L8 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN

RN 749910-13-2 REGISTRY

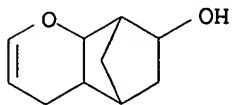
ED Entered STN: 23 Sep 2004

CN 5,8-Methano-4H-1-benzopyran-7-carboxylic acid, 4a,5,6,7,8,8a-hexahydro-,  
1,1-dimethylethyl ester, polymer with 3,4-dihydro-2H-pyran,  
4a,5,6,7,8,8a-hexahydro-5,8-methano-4H-1-benzopyran-7-ol and  
2-(trifluoromethyl)-2-propenoic acid (9CI) (CA INDEX NAME)

MF (C15 H22 O3 . C10 H14 O2 . C5 H8 O . C4 H3 F3 O2)x  
CI PMS  
PCT Polyacrylic, Polyester, Polyester formed, Polyether, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

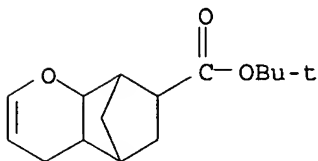
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CRN 474095-84-6  
CMF C10 H14 O2



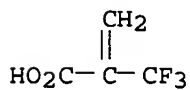
CM 2

CRN 474095-75-5  
CMF C15 H22 O3



CM 3

CRN 381-98-6  
CMF C4 H3 F3 O2



CM 4

CRN 110-87-2  
CMF C5 H8 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 09:57:46 ON 13 MAY 2005)

FILE 'REGISTRY' ENTERED AT 09:58:02 ON 13 MAY 2005

L1 SCREEN 970 AND 2067  
L2 STRUCTURE UPLOADED  
L3 QUE L2 AND L1  
L4 50 S L3 SSS SAM  
L5 SCREEN 2067  
L6 STRUCTURE UPLOADED  
L7 QUE L6 AND L5  
L8 6 S L7 SSS SAM

=> s l8 and l4

L9 5 L8 AND L4

=> FIL HCAPLUS, CAPLUS, USPATFULL

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.70

2.91

FILE 'HCAPLUS' ENTERED AT 09:59:14 ON 13 MAY 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE 'CAPLUS' ENTERED AT 09:59:14 ON 13 MAY 2005

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FILE 'USPATFULL' ENTERED AT 09:59:14 ON 13 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l9

L10 3 L9

=> duplicates remove l10

DUPLICATE PREFERENCE IS 'HCAPLUS, CAPLUS, USPATFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L10

L11 1 DUPLICATE REMOVE L10 (2 DUPLICATES REMOVED)

=> d l11 ibib hitstr

L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2004:722793 HCAPLUS

DOCUMENT NUMBER: 141:251432

TITLE: Ether monomers and polymers having multi-ring  
structures for photosensitive polymers and resist  
compositions

INVENTOR(S): Kim, Hyun-woo; Woo, Sang-gyun

PATENT ASSIGNEE(S): S. Korea

SOURCE: U.S. Pat. Appl. Publ., 39 pp., Cont.-in-part of U.S.  
Ser. No. 132,804.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004170919	A1	20040902	US 2004-799025	20040312
US 2002160303	A1	20021031	US 2002-132804	20020424
US 6713228	B2	20040330		

PRIORITY APPLN. INFO.: US 2002-132804 A2 20020424  
KR 2003-85830 A 20031128  
KR 2001-22356 A 20010425

IT 749909-24-8P 749909-56-6P 749909-71-5P

749909-94-2P 749910-13-2P

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(multi-ring structures polymer for photosensitive polymers and resist compns.)

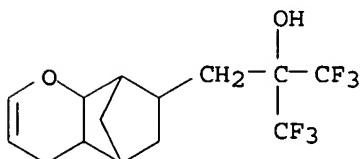
RN 749909-24-8 HCAPLUS

CN 2-Propenoic acid, 2-(trifluoromethyl)-, methyl ester, polymer with 4a,5,6,7,8,8a-hexahydro- $\alpha,\alpha$ -bis(trifluoromethyl)-5,8-methano-4H-1-benzopyran-7-ethanol (9CI) (CA INDEX NAME)

CM 1

CRN 474095-92-6

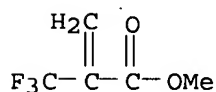
CMF C14 H16 F6 O2



CM 2

CRN 382-90-1

CMF C5 H5 F3 O2



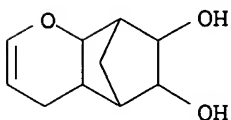
RN 749909-56-6 HCAPLUS

CN 5,8-Methano-4H-1-benzopyran-7-carboxylic acid, 4a,5,6,7,8,8a-hexahydro-, 1,1-dimethylethyl ester, polymer with 4a,5,6,7,8,8a-hexahydro-5,8-methano-4H-1-benzopyran-6,7-diol and methyl 2-(trifluoromethyl)-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 474095-88-0

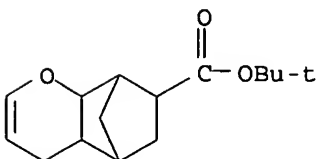
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CRN 474095-75-5

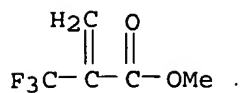
CMF C15 H22 O3



CM 3

CRN 382-90-1

CMF C5 H5 F3 O2



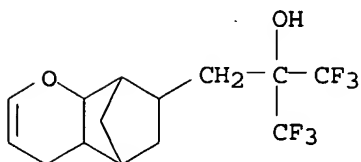
RN 749909-71-5 HCAPLUS

CN 5,8-Methano-4H-1-benzopyran-7-carboxylic acid, 4a,5,6,7,8,8a-hexahydro-, 1,1-dimethylethyl ester, polymer with 4a,5,6,7,8,8a-hexahydro- $\alpha,\alpha$ -bis(trifluoromethyl)-5,8-methano-4H-1-benzopyran-7-ethanol and 2-(trifluoromethyl)-2-propenoic acid (9CI) (CA INDEX NAME)

CM 1

CRN 474095-92-6

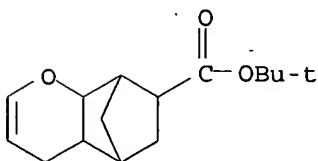
CMF C14 H16 F6 O2



CM 2

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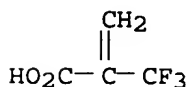
CMF C15 H22 O3



CM 3

CRN 381-98-6

CMF C4 H3 F3 O2



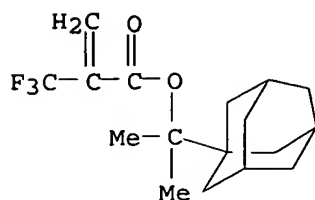
RN 749909-94-2 HCAPLUS

CN 2-Propenoic acid, 2-(trifluoromethyl)-, 1-methyl-1-tricyclo[3.3.1.1<sup>3,7</sup>]dec-1-ylethyl ester, polymer with 3,4-dihydro-2H-pyran and 4a,5,6,7,8,8a-hexahydro- $\alpha,\alpha$ -bis(trifluoromethyl)-5,8-methano-4H-1-benzopyran-7-ethanol (9CI) (CA INDEX NAME)

CM 1

CRN 622378-55-6

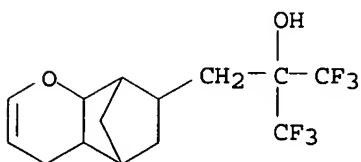
CMF C17 H23 F3 O2



CM 2

CRN 474095-92-6

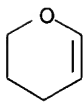
CMF C14 H16 F6 O2



CM 3

CRN 110-87-2

CMF C5 H8 O



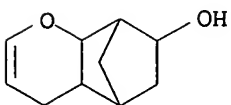
RN 749910-13-2 HCAPLUS

CN 5,8-Methano-4H-1-benzopyran-7-carboxylic acid, 4a,5,6,7,8,8a-hexahydro-, 1,1-dimethylethyl ester, polymer with 3,4-dihydro-2H-pyran, 4a,5,6,7,8,8a-hexahydro-5,8-methano-4H-1-benzopyran-7-ol and 2-(trifluoromethyl)-2-propenoic acid (9CI) (CA INDEX NAME)

CM 1

CRN 474095-84-6

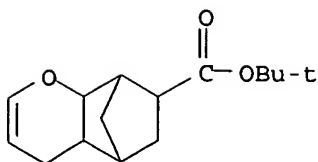
CMF C10 H14 O2



CM 2

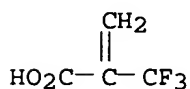
CRN 474095-75-5

CMF C15 H22 O3



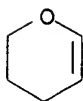
CM 3

CRN 381-98-6  
CMF C4 H3 F3 O2



CM 4

CRN 110-87-2  
CMF C5 H8 O



=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.79

10.70

FILE 'REGISTRY' ENTERED AT 09:59:45 ON 13 MAY 2005

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New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
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Crossover limits have been increased. See HELP CROSSOVER for details.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	4	((("6787287") or ("20030215758")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 12:23
L9	0	("2003/0215758").URPN.	USPAT	OR	ON	2005/05/13 12:23
L10	8	("20020072009"   "20020160303"   "3784594"   "5189184"   "5496930"   "5882835"   "6517990").PN. OR ("2003/0215758"   "6787287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 12:28
L11	15	((("6517990") or ("6596459") or ("6503687") or ("6673513") or ("6627382") or ("6787287") or ("6897005") or ("20040033445") or ("6642336") or ("6642336")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 12:34
L12	26	("20020072009"   "20020160303"   "3784594"   "5189184"   "5496930"   "5882835"   "6033442"   "6090518"   "6303266"   "6306554"   "6348297"   "6391520"   "6461788"   "6517990"   "6517993"   "6586157"   "6673513"   "6713228").PN. OR ("2002/0072009"   "2002/0146642"   "2002/0160303"   "2003/0215758"   "2004/0170919"   "5380659"   "6517990"   "6787287"   "6878504").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 12:37
L13	0	12 NOT (8 9 10 11 12)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 12:37
L14	16	12 NOT (8 9 10 11)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 12:38
S1	2616	alkenyl adj ether	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:04
S2	799	fluorinated adj (acrylate methacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:06
S3	7	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 09:49
S4	3	("6713228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 09:50
S5	5	("20020072009"   "20020146642"   "5380659"   "6517990").PN. OR ("6713228").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 12:23
S6	6	ether adj monomer and (multi-ring multi adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:07



S7	4	S6 not (S3 S4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:08
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	580	\$10BENZOPYRAN\$10 AND (RESIST PHOTORESIST)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
L2	5	OXA-TRICYCLO\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
L3	40	UNDEC-4-ENE \$UNDEC-4-ENE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
L4	3466830	RESIST PHOTORESIST RESIN POLYMER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
L5	203	KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 11:35
L6	56	WOO-SANG-GYUN.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 11:36
L7	88	((((KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON) WOO-SANG-GYUN.IN.) AND (RESIST PHOTORESIST RESIN POLYMER)) NOT ((((\$10BENZOPYRAN\$10 AND (RESIST PHOTORESIST)) AND ("430"/\$.CCLS.)) NOT (((OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)) AND (RESIST PHOTORESIST RESIN POLYMER))) (UNDEC-4-ENE \$UNDEC-4-ENE) (((OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)) AND (RESIST PHOTORESIST RESIN POLYMER)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
L8	6	(ETHER NEAR MONOMERS) AND (MULTI-RING MULTIRING (MULTI ADJ RING))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
L9	10	oxa-tricyclo("6.2.1.027")-undecene\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
L10	12	((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 10:13
L11	6	(METHANO\$ NEAR-BENZOPYRAN) AND (KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:13
L12	10	oxa-tricyclo("6.2.1.027")-undecene\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:13
L13	2	oxa-tricyclo("6.2.1.027") adj undecene\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:13

L14	1	de-10218512-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 12:03
L15	16	(US-20020072009-\$ or US-20020146642-\$ or US-20030008232-\$ or US-20030148210-\$.did. or (US-3953534-\$ or US-3968070-\$ or US-4159258-\$ or US-5616610-\$ or US-6517990-\$.did. or (US-3784594-\$.did. or (EP-1120689-\$.did. or (JP-2002348325-\$ or JP-2002356516-\$.did. or (EP-337920-\$ or US-4992563-\$ or EP-1081150-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:24
L16	72	2 3 8 9 10 11 12 13 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:14
L17	66	16 not 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:32
L18	3	("6713228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 10:24
L19	6	("4122291"   "4173551"   "4518788"   "4617238"   "4705887").PN. OR ("5189184").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 11:26
L20	84	KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOK KIM-HYUN-KOO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 11:36
L21	56	WOO-SANG-GYUN.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 11:36
L22	109	20 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 11:36
L23	55	22 and (photosensitive (radiation adj sensitive) (light adj sensitive))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 11:37
L24	44	23 not (19 17 18 16 15)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 11:43
L25	65	22 not 24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 11:43
L26	8	("20020072009"   "20020160303"   "3784594"   "5189184"   "5496930"   "5882835"   "6517990").PN. OR ("6787287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 11:58
S2	2	("20020160303").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/01 15:06
S3	9740	\$10BENZOPYRAN\$10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 15:17

S4	2	("20020160303").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/24 19:22
S6	405	\$10BENZOPYRAN\$10 AND (RESIST PHOTORESIST)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:11
S9	3	OXA-TRICYCLO\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
S10	14	UNDEC-4-ENE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 19:25
S11	33	\$UNDEC-4-ENE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 19:25
S12	33	UNDEC-4-ENE \$UNDEC-4-ENE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
S13	151	OXA NEAR5 TRICYCLO\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 19:36
S14	149	(OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 19:36
S15	3004580	RESIST PHOTORESIST RESIN POLYMER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
S16	47	((OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)) AND (RESIST PHOTORESIST RESIN POLYMER)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 19:52
S17	178	(\$10BENZOPYRAN\$10 AND (RESIST PHOTORESIST)) AND ("430"/\$.CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 19:54
S18	178	(((\$10BENZOPYRAN\$10 AND (RESIST PHOTORESIST)) AND ("430"/\$.CCLS.)) NOT (((OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)) AND (RESIST PHOTORESIST RESIN POLYMER)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 19:59
S19	118	KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
S20	32	WOO-SANG-GYUN.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
S22	129	(KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON) WOO-SANG-GYUN.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 20:30

S23	53	((KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON) WOO-SANG-GYUN.IN.) AND (RESIST PHOTORESIST RESIN POLYMER)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 20:31
S24	52	((((KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON) WOO-SANG-GYUN.IN.) AND (RESIST PHOTORESIST RESIN POLYMER)) NOT ((((\$10BENZOPYRAN\$10 AND (RESIST PHOTORESIST)) AND ("430"/\$.CCLS.)) NOT (((OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)) AND (RESIST PHOTORESIST RESIN POLYMER)))) (UNDEC-4-ENE \$UNDEC-4-ENE) (((OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)) AND (RESIST PHOTORESIST RESIN POLYMER))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
S25	11	((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 10:13
S26	1	GB-1150348-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 08:28
S27	12	((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")).PN.) GB-1150348-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 20:51
S28	11	(((((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")).PN.) GB-1150348-\$.DID.) NOT (((KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON) WOO-SANG-GYUN.IN.) AND (RESIST PHOTORESIST RESIN POLYMER)) NOT ((((\$10BENZOPYRAN\$10 AND (RESIST PHOTORESIST)) AND ("430"/\$.CCLS.)) NOT (((OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)) AND (RESIST PHOTORESIST RESIN POLYMER)))) (UNDEC-4-ENE \$UNDEC-4-ENE) (((OXA NEAR5 TRICYCLO\$) NOT (UNDEC-4-ENE \$UNDEC-4-ENE)) AND (RESIST PHOTORESIST RESIN POLYMER))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/24 20:51
S30	118	KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/25 16:08
S31	307202	METHANO\$ NEAR-BENZOPYRAN	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/25 16:10
S32	1	(METHANO\$ NEAR-BENZOPYRAN) AND (KIM-HYUN-WON KIM-HYUN-WOO KIM-HYUN-WOOKIM-HYUN-KOOLEE-SUNG-H LEE-SUNG-HO LEE-SUNG-HOON )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:13
S33	8	METHANO\$ NEAR BENZOPYRAN	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/25 16:21
S46	3	(ETHER NEAR MONOMERS) AND (MULTI-RING MULTIRING (MULTI ADJ RING))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:12
S47	88	OXATRICYCLO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/25 17:05

S51	1	KR-2001022356-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/25 17:33
S53	1	oxa-tricyclo("6.2.1.027") adj undec-4-ene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:50
S54	11	((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")),PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/29 08:28
S55	1	GB-1150348-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 08:28
S56	12	((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")),PN.) GB-1150348-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 08:29
S57	14	(US-5616610-\$ or US-4159258-\$ or US-3968070-\$ or US-3953534-\$ or US-6517990-\$.did. or (US-20030008232-\$ or US-20020072009-\$ or US-20020146642-\$.did. or (EP-1120689-\$.did. or (JP-2002356516-\$ or JP-2002348325-\$.did. or (US-4992563-\$ or EP-1081150-\$ or EP-337920-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/29 08:29
S58	1	(US-3784594-\$.did.	USOCR	OR	OFF	2003/10/29 08:29
S59	10	(((((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")),PN.) GB-1150348-\$.DID. ) not ((US-5616610-\$ or US-4159258-\$ or US-3968070-\$ or US-3953534-\$ or US-6517990-\$.did. or (US-20030008232-\$ or US-20020072009-\$ or US-20020146642-\$.did. or (EP-1120689-\$.did. or (JP-2002356516-\$ or JP-2002348325-\$.did. or (US-4992563-\$ or EP-1081150-\$ or EP-337920-\$.did.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:13
S60	2	("20020160303").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/29 09:29
S63	1	de-10218512-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:14
S65	1	de-10218512-\$.did.	EPO; JPO; DERWENT	OR	ON	2003/10/29 09:31
S66	1	oxa-tricyclo("6.2.1.027") adj undec-4-ene-10-carboxylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:50
S67	1	oxa-tricyclo("6.2.1.027") adj undecene-10-carboxylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:50
S68	10	oxa-tricyclo("6.2.1.027")undecene-10-carboxylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:52
S69	4959	oxa-tricyclo("6.2.1.027")undecene\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 10:03

S70	4949	(oxa-tricyclo("6.2.1.027")undecene\$) not (oxa-tricyclo("6.2.1.027")undecene-10-carboxylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:52
S71	4949	((oxa-tricyclo("6.2.1.027")undecene\$) not (oxa-tricyclo("6.2.1.027")undecene-10-carboxylate)) not (oxa-tricyclo("6.2.1.027")adj undecene-10-carboxylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:53
S72	4949	((((oxa-tricyclo("6.2.1.027")undecene\$) not (oxa-tricyclo("6.2.1.027")undecene-10-carboxylate)) not (oxa-tricyclo("6.2.1.027")adj undecene-10-carboxylate)) not ((US-5616610-\$ or US-4159258-\$ or US-3968070-\$ or US-3953534-\$ or US-6517990-\$).did. or (US-20030008232-\$ or US-20020072009-\$ or US-20020146642-\$).did. or (EP-1120689-\$).did. or (JP-2002356516-\$ or JP-2002348325-\$).did. or (US-4992563-\$ or EP-1081150-\$ or EP-337920-\$).did.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:53
S73	2655	(((((oxa-tricyclo("6.2.1.027")undecene\$) not (oxa-tricyclo("6.2.1.027")undecene-10-carboxylate)) not (oxa-tricyclo("6.2.1.027")adj undecene-10-carboxylate)) not ((US-5616610-\$ or US-4159258-\$ or US-3968070-\$ or US-3953534-\$ or US-6517990-\$).did. or (US-20030008232-\$ or US-20020072009-\$ or US-20020146642-\$).did. or (EP-1120689-\$).did. or (JP-2002356516-\$ or JP-2002348325-\$).did. or (US-4992563-\$ or EP-1081150-\$ or EP-337920-\$).did.)) and (polymer monomer resist photoresist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:53
S74	291	(((((oxa-tricyclo("6.2.1.027")undecene\$) not (oxa-tricyclo("6.2.1.027")undecene-10-carboxylate)) not (oxa-tricyclo("6.2.1.027")adj undecene-10-carboxylate)) not ((US-5616610-\$ or US-4159258-\$ or US-3968070-\$ or US-3953534-\$ or US-6517990-\$).did. or (US-20030008232-\$ or US-20020072009-\$ or US-20020146642-\$).did. or (EP-1120689-\$).did. or (JP-2002356516-\$ or JP-2002348325-\$).did. or (US-4992563-\$ or EP-1081150-\$ or EP-337920-\$).did.)) and (polymer monomer resist photoresist)) and ("430"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 09:53
S75	9	oxa-tricyclo("6.2.1.027")-undecene\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:13
S76	1	oxa-tricyclo("6.2.1.027") adj undecene\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:13
S77	9	(oxa-tricyclo("6.2.1.027")-undecene\$) (oxa-tricyclo("6.2.1.027")adj undecene\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 10:03
S78	184	oxa-tricyclo\$ oxatricyclo\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 10:04
S79	182	(oxa-tricyclo\$ oxatricyclo\$) not (((oxa-tricyclo("6.2.1.027")-undecene\$) (oxa-tricyclo("6.2.1.027") adj undecene\$)) (oxa-tricyclo("6.2.1.027")undecene-10-carboxylate) ((US-5616610-\$ or US-4159258-\$ or US-3968070-\$ or US-3953534-\$ or US-6517990-\$).did. or (US-20030008232-\$ or US-20020072009-\$ or US-20020146642-\$).did. or (EP-1120689-\$).did. or (JP-2002356516-\$ or JP-2002348325-\$).did. or (US-4992563-\$ or EP-1081150-\$ or EP-337920-\$).did.)) (((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")).PN.) GB-1150348-\$.DID. ))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 10:30

S80	181	(oxa-tricyclo\$ oxatricyclo\$) not (((oxa-tricyclo("6.2.1.027")-undecene\$) (oxa-tricyclo("6.2.1.027") adj undecene\$)) (oxa-tricyclo("6.2.1.027")undecene-10-carboxylate) ((US-5616610-\$ or US-4159258-\$ or US-3968070-\$ or US-3953534-\$ or US-6517990-\$).did. or (US-20030008232-\$ or US-20020072009-\$ or US-20020146642-\$).did. or (EP-1120689-\$).did. or (JP-2002356516-\$ or JP-2002348325-\$).did. or (US-4992563-\$ or EP-1081150-\$ or EP-337920-\$).did.) (((("5496930") or ("6517990") or ("5882835") or ("5189184") or ("3784594")).PN.) GB-1150348-\$DID. ))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/29 10:30
S81	2	("20020160303").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/31 15:18